

AMENDMENTS TO THE CLAIMS

1. (Cancelled).

2. (Cancelled).

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3. (Cancelled).

4. (Cancelled).

10 5. (Cancelled).

6. (Cancelled).

7. (Currently amended) A composition of the formulae:

15 (a) $[[MF_m ORS_n R^1 O M^1]] M-F_m-O-(CR_2)_2-S_n-(CR_2)_2-O-M^1$; or

(b) $[[MZAORS_n R^1 F'_m OA Z^1 M^1]] M-Z-A-O-(CR_2)_2-S_n-(CR_2)_2-F'_{(m+1)}=O-A-Z^1-M^1$,

wherein

C, O and S have their normal meaning of carbon, oxygen and sulfur;

20 n is at least 2 and not more than about 8;

F is of the formula $[-ORS_n R^1 OA-] -O-(CR_2)_2-S_n-(CR_2)_2-O-A-$;

F' is of the formula $[-OAORS_n R^1 -] -O-A-O-(CR_2)_2-S_n-(CR_2)_2-$;

m is at least 1;

Z and Z^1 are the same or different and are oxy or amino;

25 M and M^1 are the same or different and are hydrogen or an organic substituent;

Each R and R⁺ are the same or different and are is a hydrogen or organic divalent radicals, each monovalent radical having from 2 to 20 carbon atoms; and
A is the residue of a dicarboxylic acid of from 2 to 40 carbon atoms, which includes carbonyl groups.

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8. (Currently amended) A composition according to claim 7, wherein R, M and M¹ are hydrogen and A is of from 2 to 12 carbon atoms and R and R⁺ are aliphatic.

9. (Currently amended) A composition according to claim 7 of the formulae:

10 (a) H-F_m-O-(CR₂)₂-S_n-(CR₂)₂-O-H; or

(b) H-O-A-O-(CR₂)₂-S_n-(CR₂)₂-F'_(m+1)-O-A-O-H,

wherein

C, O, H and S have their normal meaning of carbon, oxygen, hydrogen and sulfur;

n is at least 2 and not more than about 8;

15 F is of the formula -O-(CH₂)₂-S_n-(CH₂)₂-O-A-;

F' is of the formula -O-A-O-(CH₂)₂-S_n-(CH₂)₂-;

m is at least 1; and

A is a fatty acid dimer residue and R and R⁺ are aliphatic, which includes carbonyl groups.

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10. (Previously presented) A composition according to claim 7, wherein:

M is defined as WR²- and

M¹ is defined as W¹R³-,

wherein:

25 R² and R³ are the same or different and are an organic divalent radical having from 2 to 12 carbon atoms; and

W and W¹ are the same or different, and are amino and substituted amino of from about 1 to 6 carbon atoms, hydroxyl, carboxyl, isothiocyanate, isocyanate, oxo-carbonyl, non-oxo-carbonyl, siloxane, silane, cyclocarbonate, active olefin, or active halogen.

5 Claims 11-19. (Cancelled).

20. (Currently amended) A ~~compound composition~~ of the formulae:

(a) $[[MF_mRS_nR^1OM^1]] H-F_m-O-(CR_2)_2-S_n-(CR_2)_2-O-H$; or

(b) $[[MF'^m AOM^1]] H-O-A-O-(CR_2)_2-S_n-(CR_2)_2-F'_{(m+1)}-O-A-O-H$,

10 wherein:

C, O, H and S have their normal meaning of carbon, oxygen, hydrogen and sulfur;

n is at least 2 and not more than about 8;

F is of the formula $[-ORS_nR^1OA-] -O-(CH_2)_2-S_n-(CH_2)_2-O-A-$;

F' is of the formula $[-OAORS_nR^1-] -O-A-O-(CH_2)_2-S_n-(CH_2)_2-$;

15 m is at least 1;

n is of 2 to 4;

Each R and R¹ are ethylene is a hydrogen or organic monovalent radical having from 2 to 20 carbon atoms; and

A is the residue of an aliphatic dicarboxylic acid of from 2 to 40 carbon atoms; and

20 M and M¹ are H-a malonic, succinic, glutaric, adipic, pimelic, suberic, azelaic, sebacic, maleic, fumaric, phthalic, isophthalic, terephthalic, hemimellitic, trimellitic, trimesic, eicosanic, nonane-dicarboxylic, decane-di-carboxylic, brassyllic, dithiodiacetic, polythiodiacetic, dithiodiproionic, polythiodipropionic, dithiodibutyric, polythiodibutyric, which includes carbonyl groups.

21. (Original) A composition resulting from the reaction of the reactants di(hydroxyethyl)disulfide, succinic or adipic acid and dimethylolpropionic acid and an acid catalyst.

5 22. (Currently amended) ~~An object of a polymer comprising a compound A composition according to claim [[1]] 7, wherein R, M and M¹ are hydrogen, and A is a fatty acid dimer residue.~~

Claims 23-27. (Cancelled).